



**Karnataka State Fire & Emergency Services**  
Office of the District Fire Officer  
Whitefield (EPIP) Fire Station, Bengaluru-560066.  
Telephone: 080-28411101

C.No:02/DFO/FSRSB/WFS-BNG/2024

Date: 04/03/2024

**"Fire Safety Recommendation"**

**ANNEXURE-1**

**Group 'B' Educational Buildings up to 14.99 Mtrs in heights**  
*"B1 & B2 – Schools upto senior secondary level and other institutions"*  
*NBC-2016, Part-4, Table 7 (11) 3.1.3 Group B Educational Buildings*

To,

**The Authorized Signatory,**  
**M/s. Navaprajna Public School**  
Sy No-36, Navajeevana Nilaya Complex,  
Airport-Whitefield Road,  
Marathahalli Post, Bangalore-560037..

Sir/Madam,

Sub : Issue of '**Fire Safety Recommendation**' to "**M/s. Navaprajna Public School**" building constructed at Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037.

Ref : 1. Your request letter inward dated : 21/02/2024  
2. C.No:02/FSO/FSRSB/WFS-BNG/2024 Date: 24/02/2024

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With reference to the subject above cited, the premises of "**M/s. Navaprajna Public School**" building constructed at Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037 was inspected by Fire Station Officer, Whitefield (EPIP) Fire Station on 24/02/2024 and submitted the report of inspection with respect to Fire prevention, Fire fighting and Evacuation measures to be complied in the above premises the details as under.

**A. Details of the building / premises :-**

01	Name and Address of the Applicant.	:	<b>Authorized Signatory,</b> <b>M/s. Navaprajna Public School</b> Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037.
02	Name and Address of the premises.	:	<b>M/s. Navaprajna Public School</b> Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037.
03	Name and address of the Building owner	:	<b>M/s. Navaprajna Public School</b> Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037.





04	Number of buildings	:	02 Buildings. i.e. 1. Main Building. 2. Pre Primary Building.
05	Number of floors	:	1. <b>Main Building :-</b> Ground Floor + 02 Upper Floors. 2. <b>Pre Primary Building:-</b> Ground Floor
06	<b><u>Floor-wise details of occupancy:-</u></b>		
	<b>Main Building</b>	:	<b>Ground Floor:</b> 05 Class Rooms, 01 Sport Room, 01 Computer Lab, 01 Pantry, 01 Principal Room, 01 Office. <b>1<sup>st</sup> Floor:</b> 10 Class Rooms, 01 Lab, 01 Staff Room <b>2<sup>nd</sup> Floor:</b> 09 Class Rooms, 01 Library, 02 Labs.
	<b>Pre Primary Building</b>	:	<b>Ground Floor :</b> 05 Class Rooms
07	Height of the building	:	<b>Main Building : 10.80 Mtrs.</b> <b>Pre Primary Building : 3.70 Mtrs.</b>
08	Site area	:	<b>07 Acres.</b>
09.	Built-up area of each floor:-		
	<b>Main Building</b>	:	<b>Ground Floor : 913.00 Sq. Mtrs</b> <b>1<sup>st</sup> Floor : 913.00 Sq. Mtrs.</b> <b>2<sup>nd</sup> Floor: 913.00 Sq. Mtrs</b>
	<b>Pre Primary Building</b>	:	<b>Ground Floor : 444.48 Sq. Mtrs</b>
10.	Total built-up area	:	<b>3183.48 Sq. Mtrs</b>
11.	<b>Surrounding properties:-</b>		
	South- East(Front)	:	20 Mtrs Wide Marathalli-Varthuru Main Road,
	North -West(Rear)	:	Under Construction building
	North- East(Side)	:	Vacant Land.
	South- West(Side)	:	Commercial building.
12.	<b><u>Set-back area available around the building :-</u></b>		
	<b>Main Building</b>	South- East(Front)	: Min 06.00 Mtrs.
		North -West(Rear)	: 2.60 Mtrs.
		North- East(Side)	: 6.60 Mtrs.
		South- West(Side)	: Min 6.00 Mtrs.
	<b>Pre Primary Building</b>	South- East(Front)	: Min 06.00 Mtrs.
		North -West(Rear)	: 8.10 Mtrs.
		North- East(Side)	: 9.50 Mtrs.
		South- West(Side)	: 6.60 Mtrs.



B. On inspection of this Educational premises, the following fire prevention, fire fighting and evacuation measures recommended are considered absolutely essential from fire safety point of view :-

Sl. No. (1)	Details (02 )	Existing (03 )			Recommendations (04 )
1.	Accessibility to the premises	The premises is accessible from 20 Mtrs wide 20 Mtrs Wide Marathhalli-Varthuru Main Road on the South- East Side.			The Requirement is complied with.
2.	No. of entrances	Provided 01 Entrance/Exit of width 5.80 Mtrs.			The Requirement is complied with.
3.	No. of staircases Available	Nos. of staircases	:	01 No.	The Requirement is complied with.
		Width of staircases	:	1.30 Mtrs	
		Width of treads	:	30 Cms	
		Height of risers	:	15 Cms	
		Nos. of riser per flight	:	12 Risers	
		Height of handrails	:	0.90 Mtrs	
		Head room clearance	:	More than 03.00 Mtrs	
4.	Portable Fire extinguisher	Provided Extinguisher as below mentioned.			Recommended to provide a) One water mist extinguisher of 9 ltrs capacity should kept near each staircase landing. b) One Mechanical foam extinguisher of 9 ltrs capacity and One ABC powder extinguisher 6 kgs capacity should be provided near diesel generator. c) One CO2 extinguisher of 4.5 kg capacity should be provided near each electrical panel board and Electrical Room. d) One ABC Type fire extinguisher of 6 kgs capacity should be located as to be available within 15 Mtrs radius.
		Category	Capacity	Quantity	
		ABC Powder	01 Kgs	03 Nos	
		ABC Powder	02 Kgs	02 No	





5.	First aid Hose reel hose.	Not Provided	Recommended to provide Hose Reel Hose System near staircase.(One hose reel hose system for every 1000 Sq. Mtrs) The hose reel hose of min 19 mm size and of adequate length to reach the farthest point of each floor should be provided with shut off branch having a nozzle of 5 mm size. The hose reel hose should be connected at each landing by means of an adaptor
6.	Terrace tank over respective tower terrace.	Not provided	The Hose reel Hose system should be connected to an overhead tank of 5,000 Ltrs capacity (The water tank should be kept exclusively for fire fighting purpose)
7.	At the terrace tank level with minimum pressure of 3.5 kg/cm <sup>2</sup> .	Not provided	Recommended to provide Booster pump of capacity 450 LPM or 5 HP Capacity. (Further the system should be connected to an alternative source of power supply)
8.	Diesel generators.	Not provided	Recommended to provide suitable capacity diesel generator to supply alternative power for staircase lighting, corridor lighting and lifts, etc., in the event of failure of electricity supply in the building.
9.	Escape routes	Not provided	Direction during evacuation, in which the students have to move in the event of an emergency displayed in the corridor on each floor.
10.	Fire order ( Fire Safety Plans)	Not Displayed	Recommended a notice board/Fire safety plan indicating the details of actions to be taken in case of emergency shall be displayed near each staircase landings with the telephone numbers of our Whitefield Fire Station 080-28411101 and 101, 080-22971-500, 550 & 600 numbers & telephone numbers of nearest Ambulance Service and Police Station





11.	No smoking board	Not Displayed	COPTA Sec-4 direction- No Smoking area, smoking here is an offence- board should be written in English & Kannada both language shall be prominently displayed at inside the entry/exit of the each floor.
12.	Fire Siren	Not Installed	A Fire Siren shall be installed in the premises to inform the inmates in case of a fire emergency to evacuated the area.
13.	Nominate One Fire Nodal Officer	Mrs. Suresh nominated as the Nodal Officer in the building.	The Requirement is complied with.
14.	Fire fighting training	Not imparted	40% of Teaching Staff/Non teaching staff should get trained in fire prevention & fire fighting system at R.A. Mundkur Academy, Bannerghatta road, Bangalore - 560029 or Regional Training Centre.
15.	<b><u>Fire precautionary measures :</u></b> A. Explosive and flammable materials should not be stored in the store room , UPS room Electrical panel area , class rooms , laboratory & electrical sum panel premises. B. Accumulation of combustible waste in and around the premises should be avoided. C. The exit ways shall be always kept clear without any obstruction. D. Liquefied petroleum gas should not be stored in the building. E. The doors shall not be kept locked / latched during working hours and shall be free from obstruction. F. During the class hours the class room doors shall not be locked from inside to out side. G. As per Hon'ble supreme court order all teachers and staffs shall be trained to handle safety equipment , initiate emergency evacuation and protect their students in the event of fire and other emergency and the school shall observe the Fire Safety Day on April 14 " of every year by conducting Fire Safety drills with co - ordinate with fire service department		

Under the circumstance stated above, The Karnataka State Fire & Emergency Services Department is issuing "Fire Safety Recommendation" to "M/s. Navaprajna Public School" building constructed at Sy No-36, Navajeevana Nilaya Complex, Airport-Whitefield Road, Marathahalli Post, Bangalore-560037 subject to compliance of the above recommendations shown in Column-04 of Part-B and to intimate to undersigned office within 90 days positively without fail.

**"This Fire safety recommendation Certificate valid for Only One Year from the date of issue"**

❖ All requirements recommended above are as per National Building Code-2016 Part-4 clause 3.1.3 of Fire and Life safety will have to be complied with mandatorily.

Yours faithfully

  
**DISTRICT FIRE OFFICER**  
WHITE FIELD (EPIP) FIRE STATION  
BENGALURU - 560 066.